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U.S.PTOAttorney Docket No. 33851/41979
PATENT23646
PATENT TRADEMARK OFFICE**Mail Stop PATENT APPLICATION
COMMISSIONER FOR PATENTS**
P.O. Box 1450
Alexandria, VA 22313-1450

APR 16 2004

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Shyng Duan Chen
Citizenship: US
Post Office Address/ 12813 102nd Avenue NE
Residence: Kirkland, Washington 98034**Assignee:** Intersil Americas Inc.**For:** PROGRAMMABLE BANDWIDTH DURING START-UP FOR PHASE-LOCK
LOOP

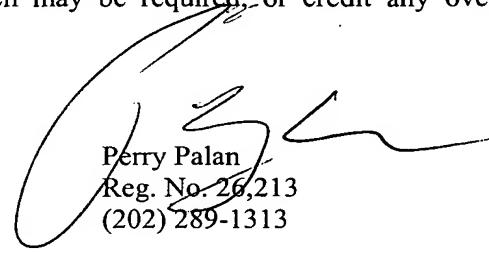
Enclosed are:

The Specification, including claims and abstract (17 pages);
10 sheets of 15 formal drawings;
Executed Declaration and Power of Attorney-Patent Application; and
Executed assignment of the invention to Intersil Americas Inc.

THIS APPLICANT IS A LARGE ENTITY.

The filing fee has been calculated as shown below:

| For | No. Filed | | No. Extra | Small/Large Entity | Total |
|---------------------|-----------|--------|-----------|--------------------|------------------|
| Basic Fee: | | | | +\$385/770= | \$ 770.00 |
| Total Claims: | 21 | - 20 = | 1 | x \$9/18 = | \$ 18.00 |
| Independent Claims: | 1 | - 3 = | 0 | x \$43/86 = | \$ 0.00 |
| TOTAL FEES: | | | | | \$ 788.00 |

A check for the filing fee in the amount of \$788.00 is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 02-1010 (33851/41979).
Perry Palan
Reg. No. 26,213
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Enclosures

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